

CONTENTS OF VOLUME 261

| | |
|---|-----|
| Plasma, Whole Blood and Red Blood Cell Kinetics of Chloroquine after Oral and Parenteral Administration in Rabbits. <i>L. A. Salako and S. A. Adelusi</i> | 4 |
| Folic Acid and the Protective Action of Diphenylhydantoin against Maximal Electroshock in Rats after Single Doses. <i>H. van Rees, G. A. H. Telkers-Duijts and E. L. Noach</i> | 16 |
| Binding of (\pm)- 3 H-Lofexidine to α -Adrenoceptors in Membranes from Rat Brain. <i>P. B. M. W. M. Timmermans, J. E. van Kemenade, Y. M. Harms, G. Prop, E. Graf and P. A. van Zwieten</i> | 23 |
| Role of Cyclic AMP in Adrenergically-Induced Tracheal Muscle Relaxation. <i>Y.-S. Lau and B. K. B. Lum</i> | 36 |
| Spontaneous Rhythmicity Induced by Glucose Removal in the Guinea-Pig Tracheal Smooth Muscle. <i>M. Abe and T. Furukawa</i> | 51 |
| Possible Mechanisms Involved in the Spontaneous Rhythmicity in the Guinea-Pig Tracheal Smooth Muscle as Induced by Glucose Removal. <i>M. Abe and T. Furukawa</i> | 59 |
| Effect of pH on the Sino-Atrial Node Cells and Atrial Muscle of Dog. <i>H. Satoh and K. Hashimoto</i> | 67 |
| The Stimulatory Effect of Prostacyclin (PGI ₂) on Isolated Rabbit and Rat Aorta is Probably Associated to the Generation of a Thromboxane A ₂ (TXA ₂) "Like-Material". <i>E. S. Borda, L. Sterin-Borda, M. F. Gimeno, M. A. Lazzari and A. L. Gimeno</i> | 79 |
| Antihypertensive Drugs: their Postural Hypotensive Effect and their Blood Pressure Lowering Activity in Conscious Normotensive Rats. <i>C. H. Lee, A. M. Strosberg and L. A. Carver</i> | 90 |
| A Comparative Study on Hypotensive and Bradycardic Effects of some New Imidazole Derivatives with Possible Central Mechanism of Action. <i>J. Puurunen, H. Ruskoaho, N. T. Kärki, A. Karjalainen and K. Kurkela</i> | 102 |
| Intravenous Infusion of Nitroprusside: Effects upon Cardiovascular Dynamics and Regional Blood Flow Distribution in Conscious Dogs. <i>L. Dumont, C. Lamoureux, J. Leloir, P. Stanley and C. Chartrand</i> | 109 |
| Posttetanic Potentiation at the Neuromuscular Junction of the Guinea-Pig Ileum Longitudinal Muscle Strip: Influence of Calcium, Temperature, Ouabain and Hexamethonium. <i>O. Kadlec, I. Šeferna, K. Mašek and V. Růžička</i> | 122 |
| Role of Renal Prostaglandin in Renin Release during Renal Nerve Stimulation in Anesthetized Dogs. <i>H. Hisa and S. Satoh</i> | 133 |
| Influence of Acarbose on Hyperglycemia Induced by Various Carbohydrates in Rats and Oral Starch Tolerance in Monkeys. <i>R. S. Ho and C. G. Aranda</i> | 147 |
| The Gastro-Intestinal Metabolism of Ethanol in the Rat. Effect of Chronic Alcoholic Intoxication. <i>Y. Lamboeuf, Ph. la Droite and G. de Saint-Blanquat</i> | 157 |
| Time Course Relation between Neurotoxic Effects of Kainic Acid on Behaviour and Brain GABA-Levels. Protection by γ -Vinyl GABA. <i>P. M. Lenicque, C. Abdul Hai, J. Wepierre and Y. Cohen</i> | 170 |
| Influence of Peroral Charcoal on Pharmacokinetics and Intestinal Toxicity of Intravenously Given Methotrexate. <i>E. Scheufler and I. Bos</i> | 180 |

| | |
|--|-----|
| Pharmacokinetic Interpretation of some Antibiotics in Camels. <i>A. Y. El-Gendi, M. G. A. El-Sayed, M. Atef and A. Zaki Hussin</i> | 186 |
| Effects of Bretlyium and Guanethidine on ^3H -Noradrenaline and ^3H -Serotonin Release in Rat Brain Cortex Slices. <i>E. Schlicker and M. Göthert</i> | 196 |
| Anoxia-Induced Contraction of Guinea-Pig Taenia Coli in a Glucose-Free Medium. <i>T. Nasu, M. Inoue and Y. Ishida</i> | 205 |
| The Development of Acute Tolerance to Analgesia and the Sensitivity Changes in Mouse Vas Deferens and Ileum Produced by Morphine. <i>S. Ramaswamy, N. P. Pillai, V. Gopalakrishnan and M. N. Ghosh</i> | 214 |
| Effects of the New β -Adrenoceptor Blocking Agent, S-596 on the Peripheral Autonomic Nervous System and Smooth Muscles. <i>A. Miyagishi, H. Nakahara, Y. Hara and H. Nakatani</i> | 222 |
| Study of the Ventricular Antifibrillatory Effects of Calcium Channel Blocking Agents in Comparison with Lidocaine on Canine Normal Heart in Situ. <i>Q. Timour Chah, L. Bertrix, K. Bouzouita, J. Lang and G. Faucon</i> | 238 |
| Electrophysiological Properties of Butoprozine Studied by Multiple Intracardiac Recordings on the Anaesthetized Dog. <i>A. Sassine, A. Fajuri, J. L. Hirsch, M. de Claviere, C. Masse and P. Puech</i> | 249 |
| Hemodynamic Effects of Atenolol in Labile Hypertension. <i>A. González-Gómez, D. García-Barreto and J. M. Fránquiz</i> | 260 |
| Hypotensive Action of Verapamil in a Group of Hydralazine-Dependent Hypertensive Patients. <i>A. González-Gómez, F. Gamio-Capestany and D. García-Barreto</i> | 268 |
| Hypotensive Action of a New Benzimidazolinone Derivative, Threo-1-(2-Hydroxy-2-(3, 4, 5-Trimethoxyphenyl)-1-Methylethyl)-4-(1, 3-Dihydro-2H-Benzimidazol-2-one-1-yl) Piperidine (KF-4942): Prazosin-Like Mode of Action. <i>A. Karasawa, K. Shuto, K. Kubo, Y. Kasuya, M. Hashikami and K. Shigenobu</i> | 278 |
| Non-Adrenergic Inhibitory Response in the Rat Portal Vein. <i>T. Ishii and Y. Shimo</i> | 291 |
| Ketanserin, a New Selective 5-HT_2 Receptor Blocking Agent, Inhibits the Antidiuretic Effect of 5-Hydroxytryptamine (5-HT) in Wistar Rats. <i>F. Cantalamessa, G. de Caro, M. Massi and L. G. Micossi</i> | 302 |
| Cinoxacin: Competitive Inhibitory Effect on <i>p</i> -Aminohippurate Transport and its Uptake in Renal Cortical Slices. <i>M. Gemba, T. Komamura, Y. Matsushima, T. Itoh, K. Miyata and M. Nakamura</i> | 308 |
| ONO-3144, a New Anti-Inflammatory Drug and its Possible Mechanism of Action. <i>H. Aishita, T. Morimura, T. Obata, Y. Miura, T. Miyamoto, M. Tsuboshima and Y. Mizushima</i> | 316 |
| Effects of Hydergine on Pancreatic Exocrine Secretion in the Isolated, Blood-Perfused Pancreas of the Dog. <i>K. Iwatsuki, F. Iijima and S. Chiba</i> | 328 |
| Contents of Volume 261 | 335 |

